

===== PAJ =====

TI - ELECTROLYZING METHOD FOR AQUEOUS SOLUTION OF ALKALI METAL CHLORIDE
AB - PURPOSE: To maintain high current efficiency even in the case of producing
a caustic alkali of high concn. by taking out an aq. soln. of an alkali
metal chloride from an anode chamber provided with a metal anode;
adjusting the pH of the soln. and the concn. of the alkali metal chloride;
and then circulating the adjusted soln.
PN - JP53113798 A 19781004
PD - 1978-10-04
ABD - 19781209
ABV - 002148
AP - JP19770028003 19770316
GR - C030
PA - TOKUYAMA SODA CO LTD
IN - MIYASHITA MASAICHI; others: 01
I - C25B1/46 ; C25B15/08

===== WPI =====

- TI - Highly pure caustic alkali prodn. - by efficient electrolysis of alkali metal chloride soln. in anode chamber of diaphragm-type electrolysis vessel
- AB - J53113798 Caustic alkali is produced from aq. soln. of alkali metal chloride by supplying the alkali metal chloride aq. soln. to an anode chamber of diaphragm-type electrolysis vessel having insol. metal anode with electrically active surfaces after adjusting its pH from 2.5 to 4.0; taking-off an excess aq. alkali metal chloride soln. from the anode chamber, supplementing the alkali metal chloride to the aq. alkali metal chloride soln. to adjust its concn. and using the concn. - adjusted alkali metal chloride soln. under recirculation as a portion of the aq. alkali metal chloride soln. to be supplied to the anode chamber.
- The amt. of the aq. soln. is 1.5-5 times as that of liquid transferring from the anode chamber to the cathode chamber through the diaphragm.
- PN - JP53113798 A 19781004 DW197845 000pp
- PR - JP19770028003 19770316
- PA - (TOKU) TOKUYAMA SODA KK
- MC - E33-A J03-B
- DC - E36 J03 X25
- IC - C25B1/46 ;C25B15/08
- AN - 1978-81130A [45]